

3.0 Approved Plan Monitoring and Management Actions

Litter Management (Recreation Management Zones 1, 2, 4, & 5)

Indicator	Percentage of sites at which litter occurs
Standard	Less than 20% of sites (13 sites) with litter present
Phase 1	Maintain existing cleanup patrols, increase education and partnerships.
Phase 2	Add one additional cleanup patrol and continue education.
Phase 3	Dismantle fire rings; require fire pans and removal of ash from the river corridor.

Human Waste Management (Recreation Management Zones 1, 2, 4, & 5)

Indicator	Percentage of sites that human waste (or toilet paper) is present
Standard	Less than 10% of sites (7 sites) with human waste/tp present
Phase 1	Maintain existing cleanup patrols, increase education, LNT workshops, and partnerships. Require commercial guides and clients to use portable toilets. Publicize state statutes regarding human waste disposal.
Phase 2	Add one additional cleanup patrol and continue education.
Phase 3	All users will be required to use portable toilets and pack out human waste and toilet paper. Outhouse at river portage will be removed when a portable toilet cleanout facility is developed.

Fire Ring Management (Recreation Management Zones 1, 2, 4, & 5)

Indicator	Number of fire rings per site
Standard	Less than 20% of sites (13 sites) with more than one fire ring
Phase 1	Dismantle all but one fire ring per site, increase education, and encourage the use of firepans.
Phase 2	Dismantle all fire rings; require the use of firepans and removal of ash from the river corridor.

Private and Commercial User Capacity Management (Recreation Management Zones 1, 2, 4, & 5)

Indicator	Number of user days that groups are required to camp within sight or sound of other campers, pass up occupied campsites, or share campsites due to campsites being occupied.
Standard	Less than 20% of total user days annually
Phase 1	Group size limitation of 10 people per campsite, designate campsites and develop campsite map, consider development of additional campsites in high use areas.
Phase 2	Voluntary registration system for overnight trips, first come/first served.
Phase 3	Voluntary registration system progresses to mandatory registration system.
Phase 4	Mandatory permit system.

Campsite Impact Management (Recreation Management Zones 1, 2, 4, & 5)

Indicator	Percentage of bare ground disturbance and density of social trails and satellite sites at designated campsites. Sites have been inventoried and categorized as heavy, moderate, and light impact sites.
Standard	Heavy impact sites: No increase in bare ground on the riverbank and no increase in satellite sites or social trails from existing condition. Moderate impact sites: Less than 66% bare ground disturbance and no more than one satellite site or social trail. Light impact sites: Less than 33% bare ground disturbance and no new satellite sites or social trails.
Phase 1	Group size limitation of 10 people per campsite, designate sites and develop campsite map. Consider the development of additional campsites. Heavy Impact sites: Close developing satellite sites and social trails using native materials to discourage use. Use passive rehabilitation to funnel use along the riverbank. Moderate Impact sites: Use passive rehabilitation to halt expansion of core area, satellite sites, and social trails. Light Impact sites: Same as described for moderate impact sites. Temporarily close site if not designated using passive rehabilitation methods.
Phase 2	Groups in excess of 10 people will be prohibited in all designated campsites. Heavy Impact sites: Close satellite sites and social trails using physical barriers and signage. Moderate Impact sites: Where passive rehabilitation is not effective, temporarily close sites until bare ground has revegetated within site categorization standards. Light Impact sites: Passive rehabilitation, temporary closure of sites.

Special Recreation Permit (SRP) Management:

Limit commercial group sizes to 10 people per campsite. Require commercial guides and their clients to use designated campsites and portable toilets. Competitive events will be considered and may be authorized based on compatibility with specified ORVs for the management zone.

Group Size:

In RMZs 1, 2, 4, and 5, group sizes will be limited to a maximum of 10 people per campsite. Groups in excess of 10 people per campsite must obtain written authorization with special stipulations from the BLM. In RMZ 3 (campground) group sizes will be limited to a maximum of 10 people and 2 vehicles per designated campsite (one of which may be a recreational vehicle). Groups in excess of 10 people may camp in the designated group camping areas.

Occupancy and Use:

Camping will be limited to 14 consecutive days within the river corridor within any 60 day period. Designated campsites must be used when camping within 200 feet of the river or lake shoreline. Dispersed camping (more than 200 feet from the shoreline) will be allowed when using Leave No Trace low impact camping methods.

Discharging a firearm or any other implement capable of taking human life, causing injury, or damaging

property at any time within 150 yards of residence, building, developed or undeveloped recreation sites, or occupied area; or at any time across or on any public road, or across or on any trail or body of water whereby any person or property is exposed to injury or damage as a result of such discharge is prohibited.

Chainsaw Use and Firewood Gathering:

Only dead and down wood may be used for campfires and the use of chainsaws for the cutting of firewood for campsites will be prohibited in RMZs 1, 2, and 4. Chainsaw use will be allowed in RMZ 3 for cutting of wood brought from home and in RMZ 5 for the cutting of standing dead at least 200 feet from the river's edge.

Fireworks:

Fireworks are prohibited within the WSR corridor.

Supply Caching:

The caching of supplies will only be allowed through written authorization with special stipulations from the BLM.

Education and Interpretation:

Information describing available recreational opportunities and Leave No Trace low impact camping techniques will be provided at the boat launches, on the BLM website and social media, and in BLM brochures. Information will be provided throughout the developed facilities describing facility rules and regulations and interpretation of area resources to promote a cultural and natural resource awareness of the area. River crews will make contact with river users to discuss LNT river ethics and provide informal presentations at boat launches. Interpretive displays will be installed on nonmotorized trails, focusing on TLAD cultural significance and subsistence lifestyles. Volunteer hosts are available to provide education and information to visitors.

Marketing:

In RMZ's 1, 4, and 5, recreational opportunities will be marketed by providing information on the BLM website and in BLM brochures. In RMZs 2 and 3, recreational opportunities will be marketed to a wider audience using the BLM website, social media, magazine articles, brochures, and outdoor shows.

Monitoring:

The administration of visitor satisfaction surveys will be used to assure that BBM outcomes/objectives are being met and setting prescriptions are being maintained. Adaptive management standards will be monitored using river patrols, river surveys, and visitor registration.

Facility Management:

Tangle Lakes Zone 1: No facility developments identified. Public use cabins would not be developed.

Tangle Lakes Zone 2: No facility developments identified. Public use cabins would not be developed. No additional outhouses would be developed at the portage. Acquisition of area lodges will not be considered for a visitor center.

Tangle Lakes Developed Zone 3: Facility developments will be limited to campground renovation and wayside improvements. User fees will be implemented for the use of the campground only. Public use cabins would not be developed. Possible river educational contact station and portable toilet cleanout facility will be developed if needed in the future.

Delta River Zone 4: River survey box and boater registration kiosk will be removed. Outhouse will be removed if portable toilets are required in the future and portable toilet cleanout facility is developed. Portage warning signs will remain discrete, but noticeable. Public use cabins would not be developed.

Delta River Zone 5: Facility developments at the Mile 212.5 Richardson Highway takeout would include takeout warning signs, river survey box, and boater registration kiosk. Public use cabins would not be developed.

Travel Management:

Tangle Lakes Zone 1: No designated OHV trails. OHV use is prohibited, except during periods of adequate snow cover (at least 6" ground frost or 12" snow cover). Unauthorized trails will be closed and rehabilitated. Snowmachines and OHVs may be used to travel cross country during periods of adequate snow cover.

Portage trails will not be marked or maintained unless trail proliferation or resource damage is occurring. Motorized boating will not be prohibited unless monitoring shows that adverse impacts are occurring to recreational, wildlife, riparian, and/or water quality resource values. Upon a finding that any of these resource values are being adversely affected as a result of motorized boating, an ANILCA closure process would be considered in compliance with the procedures outlined in 43 CFR 36.11(h).

Airplane landings will not be prohibited unless monitoring shows that adverse impacts are occurring to recreational, wildlife, riparian, and/or water quality resource values. Upon a finding that any of these resource values are being adversely affected as a result of airplane landings, an ANILCA closure process would be considered in compliance with the procedures outlined in 43 CFR 36.11(h). New airstrips will not be authorized within the management zone.

Tangle Lakes Zone 2: No designated OHV trails. OHV use is prohibited, except during periods of adequate snow cover (at least 6" ground frost or 12" snow cover). Round Tangle Lake and Mile 22 Denali Highway North Trails are unauthorized OHV trails and will be closed to OHV use. Snowmachines and OHVs may be used to travel cross country during periods of adequate snow cover.

Lower Tangles Ridge Trail, Rock Creek Trail, Upper Tangles Ridge Trail, and the Round Tangle Lake Trail will be designated as nonmotorized trails. Portage trail will not be marked or maintained unless trail proliferation or resource damage is occurring.

No restrictions on motorized boating.

Airplane landings will not be restricted. New airstrips will not be authorized.

Tangle Lakes Developed Zone 3: No designated OHV trails. OHV use is prohibited, except during periods of adequate snow cover (at least 6" ground frost or 12" snow cover). Snowmachines and OHVs may be used to travel cross country during periods of adequate snow cover. Use of OHVs in the Tangle River will be prohibited. Within the developed facilities, OHV use will only be allowed for ingress and egress to campsites in designated areas and on gravel travel routes designated for motorized travel.

No formal restrictions on motorized boating. Motorized boating is naturally restricted by shallow river conditions.

No formal restrictions on airplane landings. Airplane landings are not practical in the developed facilities due to the lack of suitable airstrips. New airstrips will not be authorized.

Delta River Zone 4: No designated OHV trails. Unauthorized OHV trails will be closed and rehabilitated. OHV use is prohibited, except during periods of adequate snow cover (at least 6" ground frost or 12" snow cover). Snowmachines and OHVs may be used to travel cross country during periods of adequate snow cover.

Portage trail will be marked and maintained using signs and native construction materials. Additional nonmotorized trails may be designated in the future in the Garrett Creek drainage.

Motorized boating will not be prohibited unless monitoring shows that adverse impacts are occurring to recreational, riparian, fisheries, and/or water quality resource values. Upon a finding that any of these resource values are being adversely affected as a result of motorized boating, an ANILCA closure process would be considered in compliance with the procedures outlined in 43 CFR 36.11(h).

Airplane landings will not be prohibited unless monitoring shows that adverse impacts are occurring to recreational, riparian, fisheries, and/or water quality resource values. Upon a finding that any of these resource values are being adversely affected as a result of airplane landings, an ANILCA closure process would be considered in compliance with the procedures outlined in 43 CFR 36.11(h). New airstrips will not be authorized within the management zone.

Delta River Zone 5: OHVs must remain on designated OHV trails (Top of the World and Rainy Creek Trails) and will not be allowed to operate off designated trails for game retrieval, except during periods of adequate snow cover (at least 6 inches of frost or 12 inches of snow cover). OHVs will be limited to 2000 lbs. Gross Vehicle Weight (GVW). OHV restrictions apply to all users, including subsistence users (defined in ANILCA Section 811). Exceptions to the 2000 lb. GVW limitation may be granted for access to active mining claims via the Rainy Creek Trail and to subsistence users who obtain authorization from the BLM, Glennallen Field Office. Two unauthorized OHV trails at the confluence of Eureka Creek will be closed and rehabilitated.

Nonmotorized trails will remain dispersed and undeveloped. Additional nonmotorized trails may be designated in the future in the Eureka Creek drainage.

No restrictions on motorized boating.

Airplane landings will not be restricted. New airstrips will not be authorized.